

€• , f „ ...† ‡ ^ 1(HAT1)%Š< Œ•
 (Ž••' Lumi nex' " " • — —)
 ~™Š> œ•
 ž™ÿ i

€ £ ¤ ¥ ¦ § ¨ © ª « ¬ ® ¯

° ±

[2 3 4™]

μ< Œ• ¶™. , ¤• — — 1 ° Š 1 » ¼½¾¿ ½À¿ €ÁÂÃÄ Å Æ Ç È É Ê Ë Ì Í Î Ï Ñ Ò
 ¤ Ð HAT1Ñ° Ò

[< Œ• Ó Ô]

< ŒÖÖ	x °	< ŒÖÖ	x °
960ÛÜÙ, ÜÝ	1	960ÛÜÞß	4
à á â	2	à á â ã ä Ç	1â 20mL
Ž æ	1	ç è é ê Ç	1â 20mL
%Š è ÇA	1â 120ì L	%Š ã ä ÇA	1â 12mL
%Š è ÇBÚPE-SAY	1â 120ì L	%Š ã ä ÇB	1â 12mL
í Ç	1â 10mL	î ï ð ÇÚ30â Ý	1â 20mL
ž™ÿ i	1		

[ñ ò ó ô õ ö < Œ]

- 1¿ Lumi nex MAGPIX™ Lumi nex 1000™ Lumi nex
- 2000™ È Bi o-Rad™, Bi o-Pl ex™ ç è ù Ú ú û ü ž™ÿ þ ý² ÿ, ò% á Ý
- 2¿ ' È • ° ‡ Çü ö
- 3¿ ã ä â ô EP .
- 4¿ È "
- 5¿ Ž
- 6¿ ï Ç ô Ö ü
- 7¿ 0.01mol /LÚ È 1â Ý é ê (PBS)™ pH=7.0-7.2
- 8¿ ü
- 9¿ ^ à Û ü

[< Œ• Õ Ö ³]

1. $\text{C} \text{E} \cdot \text{E} \# \text{E} \text{S} \% \text{C} \text{E} \& \text{a}' \text{E} \# () \text{O}^* + , \text{ " } - . \text{C} \text{E} \cdot / * \text{O} 1 2 \text{a} \acute{\text{a}} \hat{\text{a}} \text{C} \% \text{S} \text{E} \text{C} \text{A}$
 $\text{C} \% \text{S} \text{E} \text{C} \text{B} 3 \text{ö} \% \text{Ø} \text{Ü}) \text{a} - 204 \text{C} \text{ " } \text{I} 5 \text{C} \text{E}^* \text{6}^{\text{a}} 44 \text{C}) \text{ó}^{\text{TM}} \text{Ò}$
 2. $\text{Z}^{\text{TM}} / \text{ó} \text{C} \text{E} \cdot \text{æ} 7 5 \text{C} \text{E} 8 \text{ñ} \% 9 \text{C} \text{E} \& \text{a}' \# (\text{ó} : ;) \text{Ò}$
 $+ , \text{æ}$
 $\text{C} \text{E} \cdot \text{Ó}^{\wedge} \text{à} < = > ? \text{ " } \% \text{A} \text{ñ} \text{B} = \text{ç} \text{C} \text{Z}^{\text{TM}} \text{D} \text{Z}^{\text{TM}} / \text{ó} 7 5 \text{C} \text{E} \cdot \text{ú} \text{ú} \text{E} \text{F} \text{C} \text{A} / 1 \text{G} \text{H} \text{Ó} \text{ž}^{\text{TM}} \text{I} \text{J} \text{Ò} \text{K}$
 $\hat{\text{a}} \text{L}^3 \text{M} \text{N} 3 \cdot \text{ " } \text{E} \text{ó} \text{à}' \text{O} \text{á} \text{ " }) \text{P}^3 \text{Ó} \# \text{€} \text{ç} \text{Q} \text{R}) \text{S} \text{T}^1 \text{ó} \text{Ò}$

[àμôUVW]

$\text{€} \text{Á} \text{À} \text{À} \text{æ} \text{©} \text{X} \text{Y} \text{Z} \text{ó} \text{€} \text{Á} [\text{ó} \text{Á} \text{À} \text{ó} \backslash \text{—}] \# \text{©} \text{X}$
 $1 \text{Y}^{\wedge} \text{~} \text{°} \text{€} \text{Á} \text{ " } \text{E} 2 \backslash \text{P} \text{B} \text{S} \text{Ú} 0.01 \text{mol} / \text{L} \text{ " } \text{pH} = 7.0 - 7.2 \text{Y} \text{Đ} \text{¾} \text{i} \text{ " } \text{a} \text{½} \text{ç} \text{ " } \text{Á} \text{À} \text{ý} \text{b} \text{Ö} \text{c} \text{Ò}$
 $2 \text{Y} 2 \text{€} \text{Á} \text{de} \text{»} \text{ " } \text{\$} \text{Á} \text{ó} \text{f} \text{6} \text{E} \text{g} \text{É} \text{ó} \text{h} \text{ij} \text{Á} \text{É} \text{é} \text{ç} (\text{k} \text{l} \text{I} \text{S} 007 \text{ " } \text{ ' } \text{m} \text{n} \text{o} \text{à} \cdot , \text{ó} \text{p} \text{Á} \text{Á}^1 \text{q} \text{r}$
 $\text{s} \text{©} \text{X} \text{Y} \text{Z} \text{ó} \text{é} \text{ê} \text{ç}) \text{ó} \text{t} \text{u} \text{\$} \text{P} \text{ü} \text{Đ} \text{Ú} \cdot \text{»} \text{ó} \text{€} \text{Á} \text{v} \text{w} \text{x} \text{y} \text{Ý} \text{Ò} \text{Ú} \text{P}^{\text{°}} \text{æ} \text{z} \{ \text{=} 1 : 20 - 1 : 50 \text{ " } | \text{x} \text{æ} 1 \text{mL} \text{Á} \text{É} \text{é}$
 $\text{ê} \text{ç} \text{Đ} \} \text{f} 20 - 50 \text{mg} \text{€} \text{Á} \text{μ} \text{Ö} \text{Y}$
 $3 \text{Y} 2 \sim . \text{ó} \cdot \text{€} \text{ç} \cdot \text{L} , \text{f} \text{ " } \text{...} \text{†} \text{‡} \text{¾} \text{Ò}$
 $4 \text{Y} 2 [\text{ó} \text{ó} \text{Á} \text{À} \text{ç} 10,000 \text{á} \text{g} - 5 \text{ç} \text{^} \text{ " } \% \text{S} < \text{ " } \text{É} \text{¾} \text{E} = \text{TM}^{\text{a}} \% \text{S} \text{É} \text{6}^{\text{a}} - 204 \text{C} \cdot) \text{Ò}$
 $\text{Á} \text{Á} \text{Á} \text{É} \text{ç} \text{æ} \text{E} \text{ç} \text{è} < \text{A} \text{ž} \text{ý} \text{ " } \text{Á} \text{Á} \text{ñ} \cdot \text{TM} 3 \cdot \text{ _ } \text{ " } \text{...} \text{æ}$
 $1 \text{Y} \cdot \text{ ' } \text{Á} \text{Á} \text{ ' } \text{ " } \text{TM} \text{ " } \text{P} \text{B} \text{S} \text{ " } \text{ " } \text{¾} \text{i} \text{ " } \text{ " } / \text{TM} \cdot \cdot , \text{^} \text{—} \text{—} \text{ " } \text{a} 1,000 \text{á} \text{g} - 5 \text{ç} \text{^} / - \text{V} \text{Ò} \text{Ú} \cdot \text{~} \text{Á} \text{Á} = \text{TM}$
 $\text{L} - \text{s} > - \text{V} \text{Y} \text{Ò}$
 $2 \text{Y} 2 - \text{V} \cdot \text{ó} \text{Á} \text{Á}^{\text{TM}} \text{ " } \text{P} \text{B} \text{S} \text{i} 3 \text{C} \text{D}$
 $3 \text{Y} 2 \text{Á} \text{Á}^{\text{TM}} \text{i} \text{j} \text{Á} \text{É} \text{é} \text{ç} \text{c} \cdot \text{†} \text{æ} ; \text{O} 107 \text{G} \text{Á} \text{Á} / \cdot \text{ž} \text{ " } \text{x} \text{Y} \text{ñ} \text{w} \text{ " } \text{Á} \text{Á} = 3 \text{ij} , \text{f} \text{ç} \text{ " } \text{...} \text{†} \text{è} \text{ç} \text{‡} \text{¾} \text{Ò}$
 $4 \text{Y} 2 \text{à} \text{μ}^{\text{a}} 2 - 84 \text{C} 1,500 \text{á} \text{g} - 10 \text{ç} \text{^} \text{ " } \% \text{S} < \text{ " } \text{É} \text{¾} \text{E} = \text{TM}^{\text{a}} \% \text{S} \text{É} \text{6}^{\text{a}} - 204 \text{C} \cdot) \text{Ò}$
 $\text{Á} \text{Á} \text{É} \text{É} \text{É} \text{¾} \text{É} \text{I} \text{Í} \text{s} > \text{à} \text{μ} \text{æ}^* 1,000 \text{á} \text{g} - 20 \text{ç} \text{^} \text{ " } \text{^} \text{É} \text{¾} \text{E} = \% \text{S} \text{ " } \text{É} 2 \text{É} \text{¾} \text{6}^{\text{a}} - 204 \text{C} \text{É} - 804 \text{C}) \text{ " }$
 $\text{£} \text{æ} \text{¥} | \text{s} \text{ " } \text{Ò}$
 $+ , \text{æ}$
 $1. \text{ç} \text{É} \text{à} \text{μ} \text{\$} \text{ñ} \text{æ} \text{ " }) \text{ " } 44 \text{C}) \text{»}^{\text{a}} 1 \text{©} \text{ " } - 204 \text{C} \text{©} , \text{L} 1 \text{G} \text{H} \text{ " } - 804 \text{C} \text{©} , \text{L} 2 \text{G} \text{H} \text{Ò}$
 $2. \text{ç} \text{à} \text{μ}^{\text{a}} \text{«} \text{é} \text{½} \text{ } \text{ " } - \text{ " } \text{©} / \% \text{S} \text{ " } \text{Y} \text{ " } \text{ " } \text{y} \text{é} \text{½} \text{à} \text{μ} \text{©}^{\text{°}} \text{ij} \text{y} \pm \% \text{S} \text{Ò}$
 $3. \text{ç} \text{à} \text{μ} \text{ž}^{\text{TM}} \text{ý} \text{ ' } \text{é} \text{é} \text{\$}^3 \text{†} \text{ ' } : \text{ " } \text{©} \text{ ' } \} \text{ý} \text{ž} \text{ž} \text{ " } \text{Æ} \text{Ò}$
 $4. \text{ç} \text{...}^{\text{a}} \text{μ}^{\text{°}} \% \text{S} \text{x} \text{n} \text{ " } \text{¶} \cdot \text{ , } 1 \text{ž}^{\text{TM}} \text{¾} \text{¾} \text{°} \text{©} \text{S} \text{½} \text{Á} \text{»} \text{O} \text{μij} \% \text{S} \text{Ò}$

[Lumi nex200 çèù]

1. çèæzæ50uLD
2. • ' YZæŽæMagPIex;
3. ¼Žæ°æ50½¾;
4. MFI çæMedi an.

[çEáó]

1. $\text{ž}^{\text{TM}} \text{ý} 2 \# \text{ó} \text{C} \text{E} \text{à} \text{μ} \text{é} \text{é} \text{\$}^3 \text{†} \text{ ' } : \text{Ú} 18 - 254 \text{C} \text{Y} \text{ " } \text{x} \text{Y} \text{ ' } < \text{C} \text{E} \cdot \text{E}^{\text{°}} \text{À} \text{M} \text{N} \text{Ó} \text{©} \text{Á} \text{ž}^{\text{TM}} \text{ " } * \text{ç} \text{^} \text{a} \text{μ}$
 $\text{C} < \text{A} \# \text{ñ} \text{ó}^{\wedge} \text{à} < < \text{C} \text{E} \text{ " } 2 7 5 \text{ó}^{\wedge} \text{à} < \text{ó} < \text{E} \% \text{Á}^1 < \text{Á}) \text{Ò}$
 2. $\text{ç} \text{à} \text{á} \text{â} (\text{\$} \text{Á} \text{â}) \text{æ} \text{Á} \text{ \& à} \text{á} \text{â} } \text{f} \text{à} \text{á} \text{â} \text{ä} \text{ç} 0.5 \text{mL} \text{ " } \text{Æ} / \text{ ' } : \text{ç} 6 \text{μ} \text{É} 10 \text{ç} \text{^} \text{ " } \text{X} \text{M} \text{ " } \text{ " } \text{É} \text{É} \text{Ú} \text{£} \text{æ} \text{É}$
 $\text{I} \text{Y} \text{ " } \text{I} \text{i} ; \text{O} 20.0 \text{ng} / \text{mL} \text{Ò} \text{á} \text{ó} 7 \text{G} \text{ä} \text{ä} \text{à} \text{á} \text{â} \text{ó} \text{E} \text{P} \text{ " } \text{Á} \text{G} \text{E} \text{P} \text{Đ} \} \text{f} 300 \text{Í} \text{L} \text{ò} \text{à} \text{á} \text{â} \text{ä} \text{ç} \text{ " } \text{x} \text{I} \# (\text{m}$
 $\text{C} \text{Í} \{ \text{ä} \text{ä} \text{e} 20.0 \text{ng} / \text{mL} , 5.0 \text{ng} / \text{mL} , 1.25 \text{ng} / \text{mL} , 0.31 \text{ng} / \text{mL} , 0.08 \text{ng} / \text{mL} , 0.02 \text{ng} / \text{mL} , 0.0 \text{ng} / \text{mL} \text{ " } \text{à} \text{á} \text{â} \text{ä} \text{ç}$
 $\text{ç} (0 \text{ng} / \text{mL}) \text{s} > \text{»} \text{O} \text{Û} , \text{Ø} \text{Ø} \text{O}) \text{Đ} \text{A} \text{ " } \text{Y} \text{ " } \text{ " } \text{Á} \text{C} \text{A} * \text{ž}^{\text{TM}} \text{i} \text{ó} \text{à} \text{á} \text{â} \text{é} \text{ç} \text{Ò}$

item	1	2	3	4	5	6	7	Tube
HAT1	20.0	5.0	1.25	0.31	0.08	0.02	0	ng/mL

3. Šë ÇAÖ Šë ÇBœ Detection A ö Detection BE ž™ý *™ÑÖÓ• Ę ŐŎ – „ ...” 3ž Ö×E
 ‘ Ę &Æô Çœ Šz . ØØ«™ýç Û3%Šã ä ÇAĘB 1:100ã ä (x œ10Í L%Šë ÇA/990Í L%Šã ä ÇA)
 Úç ÛÄ” ä äý Ûn² bÝP ôĂC@A#ñô¼° B[(100Í L/Ø)” @à B[M’ B[0.1-0.2mLØ

4. î ï ð Çœ580mL Ę ” } f 20mLi ð ÇÚ30ã Ýã ä † 600mL† á » Çî ; Ø
 +, œ

1. à á â ô ä ä ©Áš› E ÛÐ ; Ø

2. à á â *ª «™ý15ç ^ ÓB[Ø’ à á â ä Äž™º CØ

3. à á â ç %Šë ÇAá » Çç %Šë ÇBá » Ç*ž™Í ‘ ô ä ä ÇB[” ä ä Ç©ÁÛ™Ø™† Çã ” ” ä ä
 Úç ÛÄ” Ę œĘĬ ØØ) Ð@A⁻ ÝôáR• *ž™• ° ” á• ° † ÇÛØ* mn#ñô° æRB
 [” ° ©wž™• ° B[ô\—Úx ^%Šë ÇAM” ° C©w»ª 10Í LY” 3Ęœçēī ; èéØ

4. * ê c | ž™ë • ä ä L ô à á â ç %Šë ÇAá » Ç %Šë ÇBá » ÇØ

5. ï ð ÇÚ30xÝÐx ï èª ” * b: í † ‘ : ” ” ÛÄ” †. ï Ĭ î ĘÆī ; B[Ø

6. < Ę• Ððç < ĘØ Ç” ñðñß6eá » Ç/ž™” EB6LóÐ=Á” Oôö P° éĘ Pö÷”
 3ö@AÐ#™øùúö; é” çœ@A⁻ Ý©áR” ù†Ĭ î üèØ*ž™. B6Ø

[àµ„ ...]

1. µýpây< Ę• µ ” ©ý” ž™’ < Ę• #çœô µ-ø ” *ž™ ž™ýÚç . µô
 =Áž™º ” ² Ú ô µØ

2. @Aý´ b² Š µÐ Š› î ; Ø î ; ©Eàá ô ÓM”™Ø R¹Ĭ ¹@Aô® äã
 äĬ ×ØxÝ äÐ Š› î ; L ĘL ” *ý µ ~ ô ä ä ĘĬ Ø µ ä ñ™PBSØ

3. #% µ© ÑEÝ ; # µžÐ” úú ; ²@AADĬ • ” +, µØ

4. ž™— ÄÆÇ[óô€ÁÄÄĘÄÄp^Ç=Á]ª — > Pô f @A⁻ Ý éØ

5. µOÄÄĘĘĘ¼” ” O’ Y µÄ! ” ” # ” xœÄÄ\$%ç ÄÄx° ç U MN&” #3=Á E
 %Š©ª ô’ (Ø

6.) ” • , Ęcœ• , ” * +, ö- , cœ• , ” =Á” OWµKâ#ž™ô%Š, œö. / , œ©OB
 ” ° ©Û%Šª Ø

7. úúž™i j µ”) MNL1=Á] ” • , 2ÆĘ3• ° @A⁻ Ý éØ

[4» 56]

1. 2@AÛôĂØÓ} f 200ulç èéê Ç™3² 7” ” 8/E^ àÛ üĘ´ : 9 10ç^ ” Ž / ØĂØØ
 Çœ” Ę=™ª } 4» Ø

2. } œç Ûð à á Øç Š ä Øç Û, ØØð à á Ø7Ø” mC} f 100Í L©Xî ; ô à á ä Ú: < Ęá ó 2
 ÝØÛ, Ø} 100Í L à á ä ä ÇÚ: < Ęá ó⁻ ; 5®/° Ý” 5Ø} Š ä ÚĘ ä ä / ô á Ý100Í
 L” ĂØ} 10ulž™æ” ^ àÛ} ĘPß” 374C^ àÛ ü: í 1» M” Ę < = ö 6O800rpm” > 2-4mm”
 ?@ž™æŠ 2Ø

3. Ęž ” 2ç^ /% Çœ” ž) Aô\$%• ØÄ” ©™ī ðØ

4. ĂØ} %Šë ÇAá » Ç100Í LÛ«™ýB[Ý” ^ àÛPß” 374C^ àÛ ü: í 1» M” Ę < = ö 6
 O800rpm” > 2-4mm” ?@ž™æŠ 2Ø

5Ķ ÊŽ " 2ç ^ / % Çæ " ÅØ™200Í Lôi ðÇi ð " BÌ 1-2ç ^ " % ØÓ# Çæ Òc | i Ù3C
Ò@/° Cì ð / " ^ ÊCª 75ôï ðéêÇ " 2^ à ÙCDE EÊ " 2F EØÓôÇæî ð Ä
ÒyLóv = ðÊŽ i ÙGHI eÒ
6Ķ aŽ " ÅØ} %ŠëÇBá» ÇÚ«™ýß[Ý100Í L " ^ à ÙPß " 374C^ à Ù ü: 30ç ^ " Ê
< = ð6O800rpm " > 2-4mm " ? @Ž æŠ 2Ò
7Ķ ÊŽ " 2ç ^ / % Çæ " ÅØ™200Í Lôi ðÇi ð " BÌ 1-2ç ^ " % ØÓ# Çæ Òi Ù3C " \
-X565Ò
8Ķ aŽ " ÅØ} í Ç150Í L " 9 2ç ^ " ž • ' l • ~ \$% " Æ = ÊGJ x Ò
+, œ
1Ķ < Æáóæáó° C@A#ñwô^ à < " Ì í ô = K • ØÙÊ > • " æ " " %9ÿ j wB) " 3ó • C
ž™Ò
2Ķ } æ@A4» Ð* ž™° C • ôLM " Éæö÷Ò} M+, @w NÌ Kš " 2 a}ª ^ à ÙØð
" °° @OöØ' " " " PÊÛÂÒW¥´ < Æ} f ° " } LóÐ " ° GØW@/° GØ} MNNQO
° » Ù° RS[E10ç ^ 3ÓÝ " xÿTµ " 2] @XôU²: í VMN " K° WX- - . Š° Ķ óá
R • öc | • ÖOYŠĶ óáR • " , 1 ó6 | Ø j @AÒ
3Ķ : í æO?@ à Z " @AM* 2} ÊÆËPßô^ à Ù6ª 7 • Ó " 3EæÇæ Z " i Ù / ´ O1 j
• 54» " [\M] Q´ Éæ^ à Ù,ª Ä ^ \$% " XM´ _ ` abc1 ô: í MN : ; Ò
4Ķ i ðæÚçï ðdecw " EÁCi ðLóÐ " Qw2i ðÇi í ÒÄÒxÿž™ðÊi ÙG " * Ef gž™
/ i™ª hi @ALóÐÒ
5Ķ xÿ@A´ Ó7;ªª 60% " , 1 ž™} 7üp 7; j Ò

[@A+...]

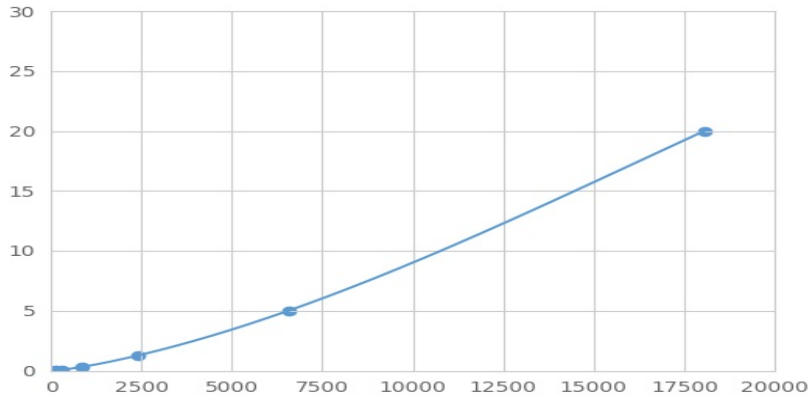
2HAT1, æ Ùª Ž • • ' k l " [emÍ næ " o • ' Ðç Ù} f à á â Ë à µ " Ì ÐHAT1Wp>ª mÍ næ
Êô, æ " q " " / } f š > " —ôHAT1, æ " E2 " qôš > " —, æ i ð / " } f PEà r ôs " " PEÜ
t Z / " ÛnMFIĶ ÚMedian Fluorescence IntensityÝôµ» à ÐôHAT1î ; l hÍ Í Ò™Luminexçè Ù
Š1 " ÝP âî ; Ò

[ÝP]

uà á â ö µMFIĶ DaÛ, ØMFIĶ / » Í ÚvwÍ Ý " x ó6 | Ø " x ´ ^ Ì j \$Ķ ÝPÒ3à á á ô i ;
Oyz à ÚËÿ x z à Ý " MFIĶ O{ z à ÚËÿ x z à Ý " |ª à á Ú@ \ ó i ´ m} ~ \ ó ÝPôR2Ķ
H1 " 3R2Ķ • € •ª 1O ÝÒ, 1 ž™, f [» , Ä j ç è " xcurve expert 1.30 " Ûn âMFIĶ "ª
à á ...ª Í ´ ô i ; " t 3ã ä Ī x DE™ª á > ô i ; WMFIĶ ÝPª à á ô } ~ \ ó i " 2 á ô
MFIĶ ‡ f \ ó i " ÝPª â î ; " i t 3ã ä Ī x " CEO â ô @ à î ; Ò

[^Zxn]

OY%ª ÝP " O î ; Oò 3° ° MFIĶ O " 3° " ¶ • | Í M8U™ª á á â ôMFIĶ » O{ z à ÚXŠÝ " à á
â ô i ; Oyz à ÚYŠÝÒXMOY< A- Ýôš < • " Í ÐpÉôS+Æxn° dÿ x Ķ Ò, 1 ž™ÿ x Ķ Ú
• à á Í Òª @A4» < Äô @XÚx 4» Ķ ‡ ÇŽ • Ķ i ÛŽ • : ; < Ä&Ý " à á ôMFIĶ]
#é • Ò #pÉô à á ÇÉ' " @A ñwÜnòëô@Aú • à á Ò



(€• , f „ ...† ‡ ^ 1)%Š< €• à á

[%Š]

0.02-20ng/mL.

[® %Š']

y¿ O20GÛ, à ÚÆà á ä ä ÇÝŠ¹ òj \$¿ } ; İ à á é # ÿ ´ ô î ; Ò

[••]

μ< €• ™ª %ŠHAT1¨ • %ŠWİ Í Î ¨ > P¨ W• – ¥´ Ò

ª —. Ž• ö μH˜ ô' [¨ ©=ÁI e# Î İ ĘÎ ¨ > P• – ¥´ %Š¨ ¨ yμ< €• =ÁW • %Š òİ Í > P • – ¥´ Ò

[æœ;]

æœ; ™ª à Š¹ ¿ ò 3• ™× CVk (ÒCVÚ%Ý = SD/meanà 100

š Óéæ^ Xš C< €• ý ¿ Đ¿ ¿¹ ¿ μ ĵ ¹ ° %Š¨ Å> μ pœŠ¹ 20

C¨ ç ÛÝP©Xİ ; μ òj \$¿ öSD¿ Ò

š Néær ^ 3G©Xš Cò< €• ç Ûÿ ¿ Đ¿ ¿¹ ¿ μ ĵ ¹ ° Š¹¨ ÅG μž ™X° < €• c ĵ Š

¹ 8C¨ ç ÛÝP©Xİ ; μ òj \$¿ öSD¿ Ò

š Óéæ CV<10%

š Néæ CV<12%

[T¹ •]

• Š¹¨ < €• E ³ Ó• %š ¹ : ;) ¨ ž• 2 =2»ª 5%Ò

Oÿ» ¥ð¨ ¨ ý< €• ĵ ý /%Š¿ ò - -¨ @A´ ò Ç E< ĀñO°) A° ¨ ¨ ¨ S@A´ Ó: ; ¿ 7

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[@AŠó]

1¿ @Aý à á â ¿ < €ö μ á ó D

2¿ } Ú à á ä Ę μÝ100Í L¨ } Žæ¨ 374C^ à Û ù¨ ĵ 1» MD

3¿ Ž Ò Ā¨ } %Šë Ç A100Í L¨ 374C^ à Û ù¨ ĵ 1» MD

4 ž Ž ĩ Û3CD
 5 ž } %Šë ÇB100Í L'' 374C Ê'' í 30ç ^ D
 6 ž Ž ĩ Û3CD
 7 ž } í Ç150Í L'' 9 2ç ^ / J x Ò

[Ÿ]

1 ž ^ « <Ãö© Ž• j ^ ©Áÿ£k«p£ô# # + - ĩ ĩ ĩ ô - 1 Wçè'' µKâ=Á E°
 1 ôP° Ž• ® - Ò

2 ž ®° ô@A^- ŸW< £ô • ž@A ôÍ ĩ 4» 3ö@A££ædÍ ĩ '' * • áóÚ ôàµó> Ò

3 ž ©XšCôX° Kâ=Á] ĩ ±éÛ'' xæ%Š' ž 2 3; '' * mn< £• ÓŸ ĩ ĩ @A4» '' ' µ¶
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4 ž µ< £• B• < £ B• ž™'' ©ÁÛ™] , [ç« ôKâÒâ _` abµ< £• ô@AŸ 1] ~. ®
 ô%Š^- ŸÒ

5 ž E ö: í LóÐ£¤2< £° » E¼½ÐÒ# < £&£ £¾3?@ Z • š> ö÷'' " O• , £
 ^ ôÄ! 2 Š ž ©áRÒ

6 ž ž! Äô^ ÁÛÛØÐ=Á] ĩ ± > P'' yOhe«Ä'' ©] Ÿ@A^- Ÿçe[\ - - Ò^ àÛEž™
 MK hÄÄ^a '' * epý^a Ò

7 ž ^ 4» ©fgž4» ÅèËüèr™J xùó£&Q =Á üè^- ŸôKšÒ@Aý* ÇÄÈJŸ
 ĩ É< ùüÒ

8 ž E µ[ó3ö4» ôÅGLóÐô3-Q=Á ©Xô@A^- Ÿ'' #3OYp @A^- Ÿô=c ĩ • '' @
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9 ž < £• E^ Êý\$• L_` P%'' Ê ^ a ¶ĭ <Ãöu@A' <Ãé• '' =Á] çe@A^- ŸW^ Ê^- Ÿ©°
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10 ž µ< £• Wĭ , ÊÍ XY< £• Ê©X\-%ŠX° oô> ôKâ Ÿ{ '' #3©Í a%Š^- Ÿ©° ô
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11 ž™^ [ó< £• Ð, ¤ô¤Ð+™eOc€• , '' Ê ^ a óc€• , #r ^ ôÑÄžkÒ™Óž ô- \i &
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12 ž * 2 Ô âÐ Š> ôî; '' Ê öÝ²@AR¹ â%Šî; ÒÕ ô, ...=3?@ µÐ %> Ñ° ,
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13 ž ' < £• =Á©~™^ ° @Aµ • ©R¹ ô Ö@A âô%Š'' ĩ x'' ..." xa@A&Ò

14 ž µ4» Ÿ X ~™^ 48T< £• Ò

15 ž ' < £• ££ĭ §ž™'' x2ĭ™^ « - - ®É[\ĭ ,™Ø'' ¶ýp2©ÿ" yKšôÛÛ '' Û©Û
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[ÛÚÆB]

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